

**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application. Inserted text is shown underlined and deleted text is shown in strike-through or in double brackets.

Listing of claims:

1. (Currently Amended) Machine for continuous cabling or twisting and setting of yarns, comprising a or several treatment stations incorporating, in combination ~~[[and]]~~ or in succession, within a same work position:

- means for cabling or twisting a yarn;
  - heat-setting means comprising a heated rotary godet which has configurations for allowing shrinkage of the yarn to be controlled, said configurations comprising a longitudinal profile defining successive zones that extend over almost an entire length of said godet, ~~namely~~ wherein the successive zones comprise an initial crimp pick-up zone, a residual shrinkage zone, and a setting zone, wherein the initial crimp pick-up and residual shrinkage zones comprise respective conical bearing surfaces, while the setting zone comprises a cylindrical bearing surface;
  - an accumulator for cooling and relaxing the yarn in a completely free, tensionless state;
- and
- winding means for winding on or winding up the yarn, said winding means being subjected to means for driving and guiding the yarn.

2. (Previously Presented) Machine according to Claim 1, wherein, at the or each treatment station, the cabling or twisting means, heat-setting means) and winding means are mounted in combination with devices for forwarding the yarn and arrangements of the frame of said machine, so as to delimit a small and compact space that incorporates a yarn wind-off means, along a yarn path of short length.

3. (Cancelled)

4. (Previously Presented) Machine according to Claim 3, wherein the respective conical bearing surfaces have different cone angles, the residual shrinkage zone having a smaller angle than the initial crimp pick-up zone.

5. (Previously Presented) Machine according to Claim 1, wherein a length of the setting zone is greater than a sum of lengths of the pick-up and shrinkage zones.

6. (Previously Presented) Machine according to Claim 1, wherein the initial crimp, residual shrinkage and setting zones comprise a curved profile.

7. (Previously Presented) Machine according to Claim 1, wherein the heated godet is subjected to means for allowing automatic reeving of the yarn.

8. (Previously Presented) Machine according to Claim 1, wherein the accumulator comprises a hollow straight body placed approximately vertically, an end of which, considered on an output side, is frustoconical in order to create, within said body, a buffer zone braking output of said yarn by preventing the yarn from leaving directly.

9. (Previously Presented) Machine according to Claim 8, wherein, at an outlet of the accumulator, the yarn is subjected to action of bars for uncurling the yarn and giving the yarn a tension needed for winding on or winding up.

10. (Previously Presented) Machine according to Claim 1, wherein the accumulator comprises a relaxation belt in which the yarn forms a reserve, said belt being placed between the heated godet and the winding means, winding speed being regulated so that an amount of accumulated yarn in reserve is maintained between two predetermined values: a minimum value and a maximum value.

11. (Previously Presented) Machine according to Claim 8, wherein the yarn is deposited in the accumulator through effect of a relative movement between a guiding element and the accumulator itself.

12. (Previously Presented) Machine according to Claim 11, wherein the relative movement is created by a displacement of the yarn guiding element.

13. (Previously Presented) Machine according to Claim 11, wherein the relative movement is created by a displacement of the accumulator itself.

14. (Previously Presented) Machine according to Claim 9, wherein each treatment station comprises, in succession starting from a wind-off bobbin:

- a yarn cabling or twisting spindle;
- a presser/deliverer member limiting tension of the yarn and setting a level of twist downstream;
- the heated rotary godet;
- the cooling accumulator;
- the uncurling bars; and
- the winding means.

15. (Cancelled)

16. (Cancelled)